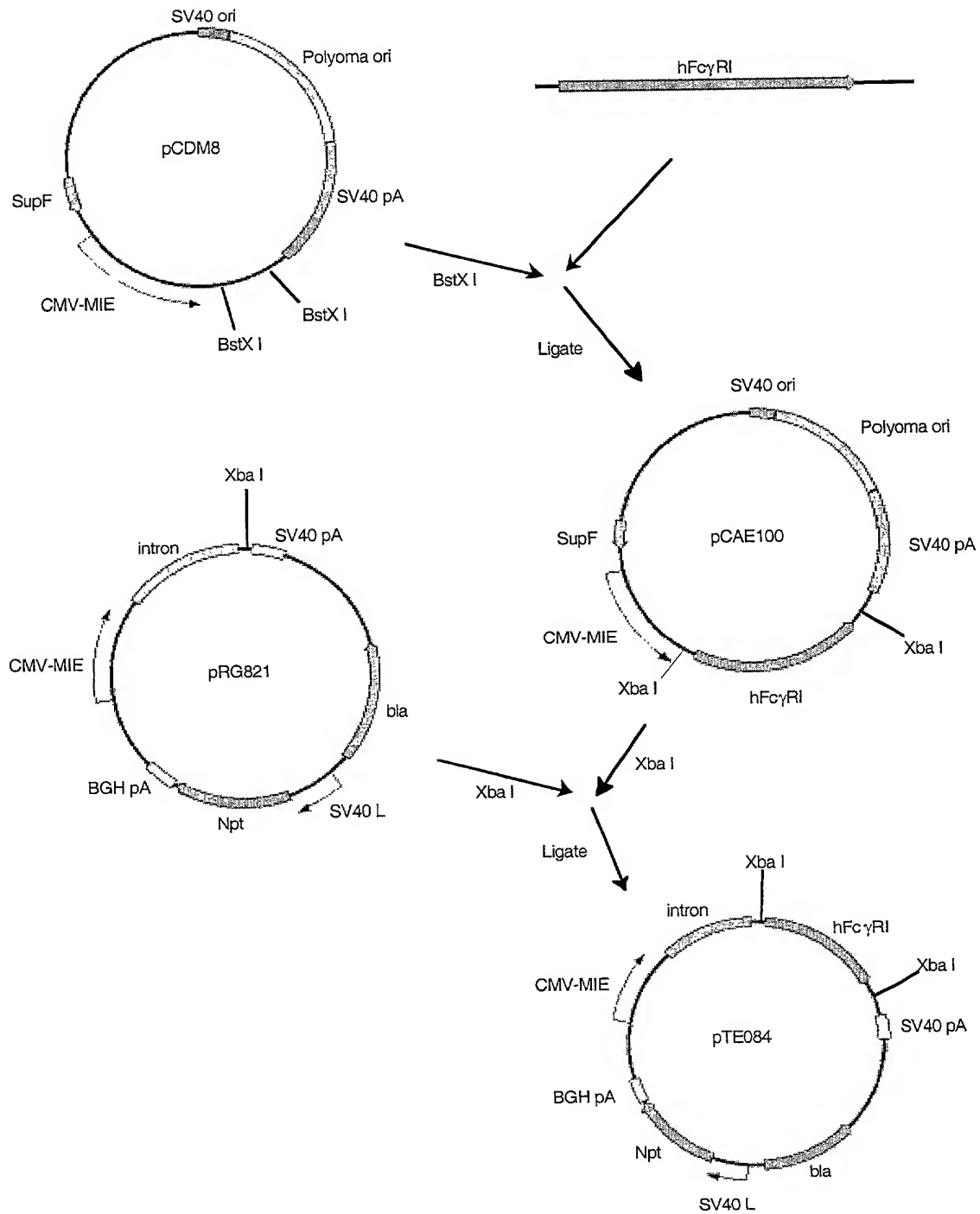


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**Figure 1**



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Figure 2A.

CHO K1

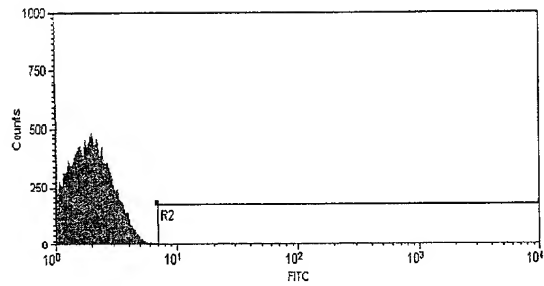


Figure 2B.

CHO K1 + FITC-hFc

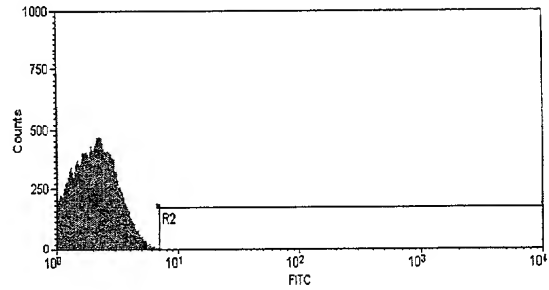


Figure 2C.

CHO K1/hFcγRI pool + FITC-hFc

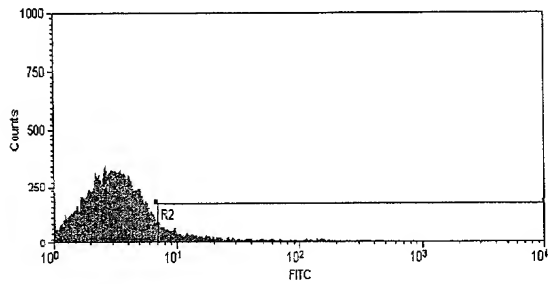


Figure 2D.

RGC3 + FITC-hFc

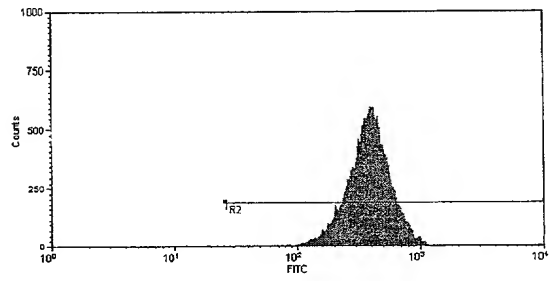


FIG. 2. Flow cytometry analysis of CHO K1, CHO K1/hFcγRI pool, and RGC3 cells. The x-axis represents FITC fluorescence intensity (log scale) and the y-axis represents cell counts. R2 indicates the gate used for cell isolation.

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**Figure 3**

4SC622	IgG Species	Cells Labeled (%)
-	-	0.7
+	-	93.2
+	human	0.8
+	rat	2.0
+	rabbit	(1.0)
+	canine	4.8
+	bovine	92.0
+	ovine	91.7

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Figure 4A.

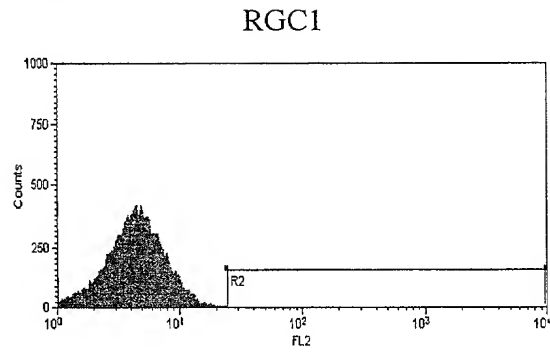


Figure 4B.

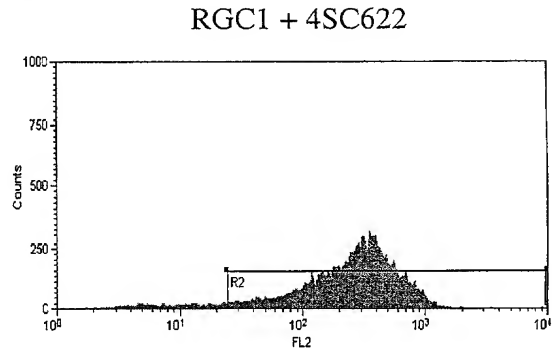
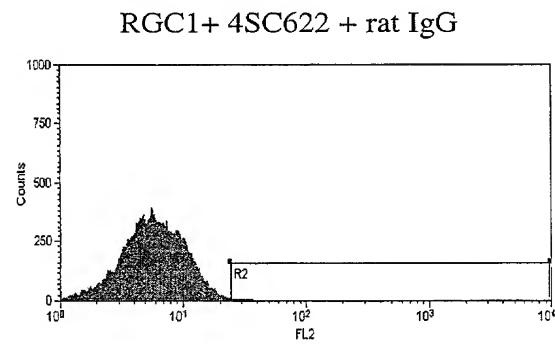
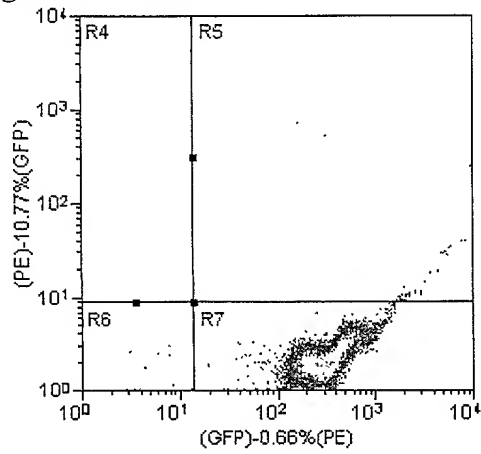


Figure 4C.

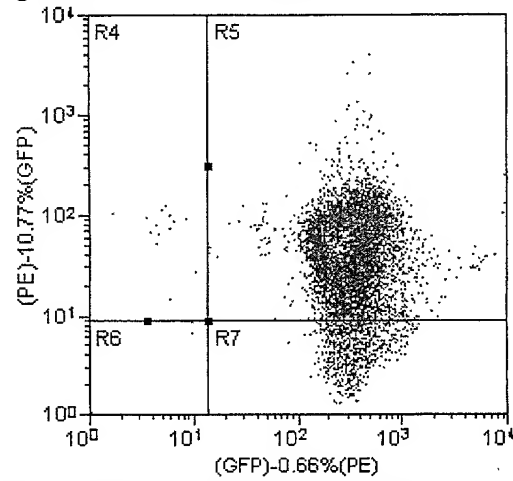


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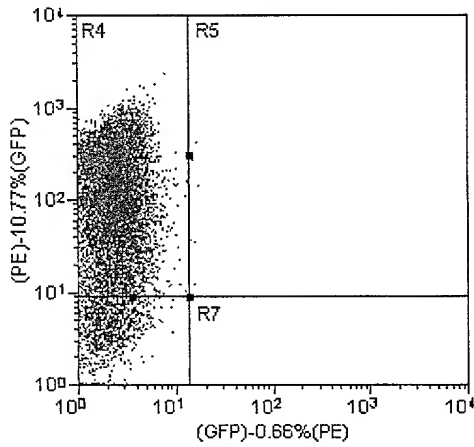
**Figure 5A. RGC2**



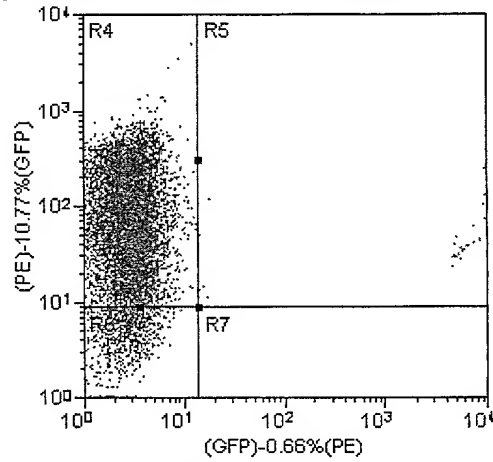
**Figure 5B. RGC2 + 4SC622**



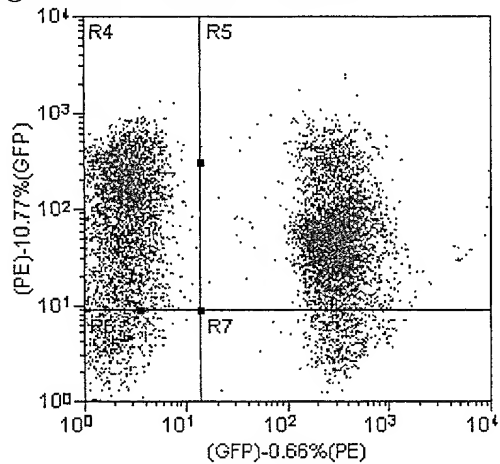
**Figure 5C. RGC4**



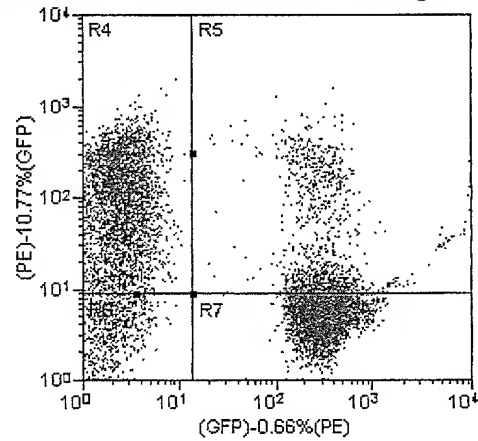
**Figure 5D. RGC4 + rat IgG**



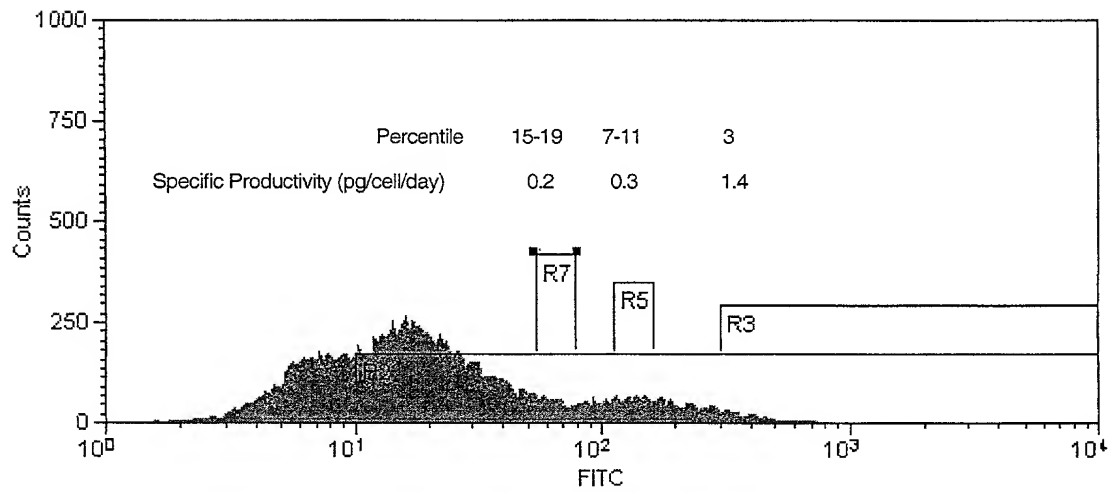
**Figure 5E. RGC4 + RGC2**



**Figure 5F. RGC4 + RGC2 + rat IgG**



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**Figure 6**



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Figure 7

Protein	Transient	Hand-picked CHO K1 Stable Cell Lines		RGC1-derived Stable Cell Lines	
	ug/ml	Sp.Prod. (pg/cell/day)	# clones screened	Sp. Prod. (pg/cell/day)	# clones screened
4SC622	1.1	12	2700	12	6
hVEGF-R1R2	33	68	190	77	62
hVEGF-R1R3	27	5	100	22.6	42

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Figure 8A. RGC1

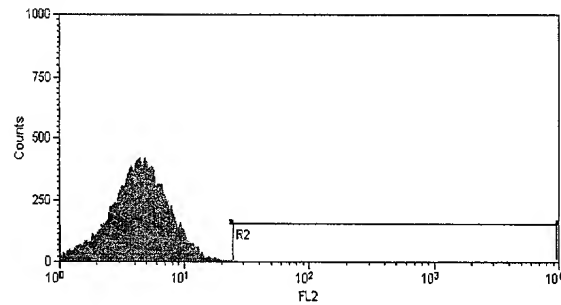


Figure 8B. RGC1 + 4SC622

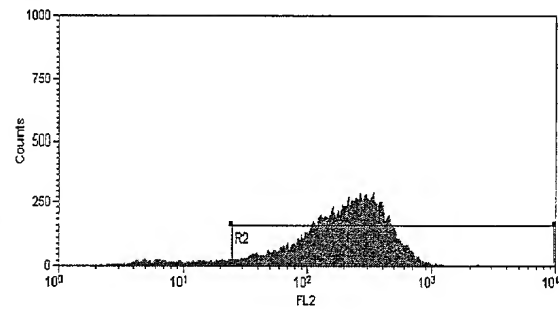
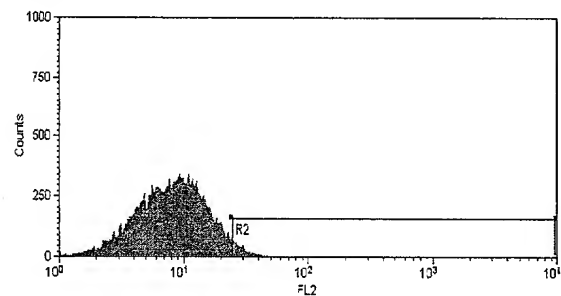


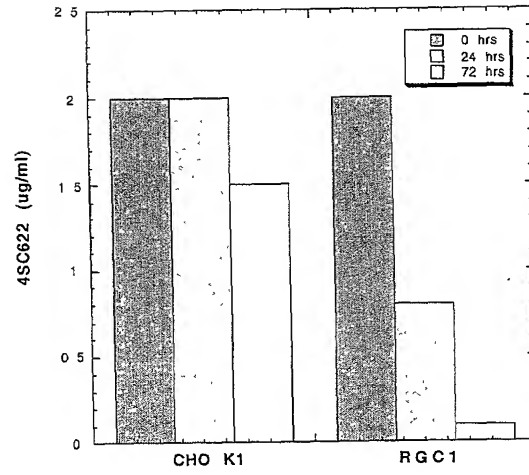
Figure 8C. RGC1 + 4SC622 + 18 hrs.



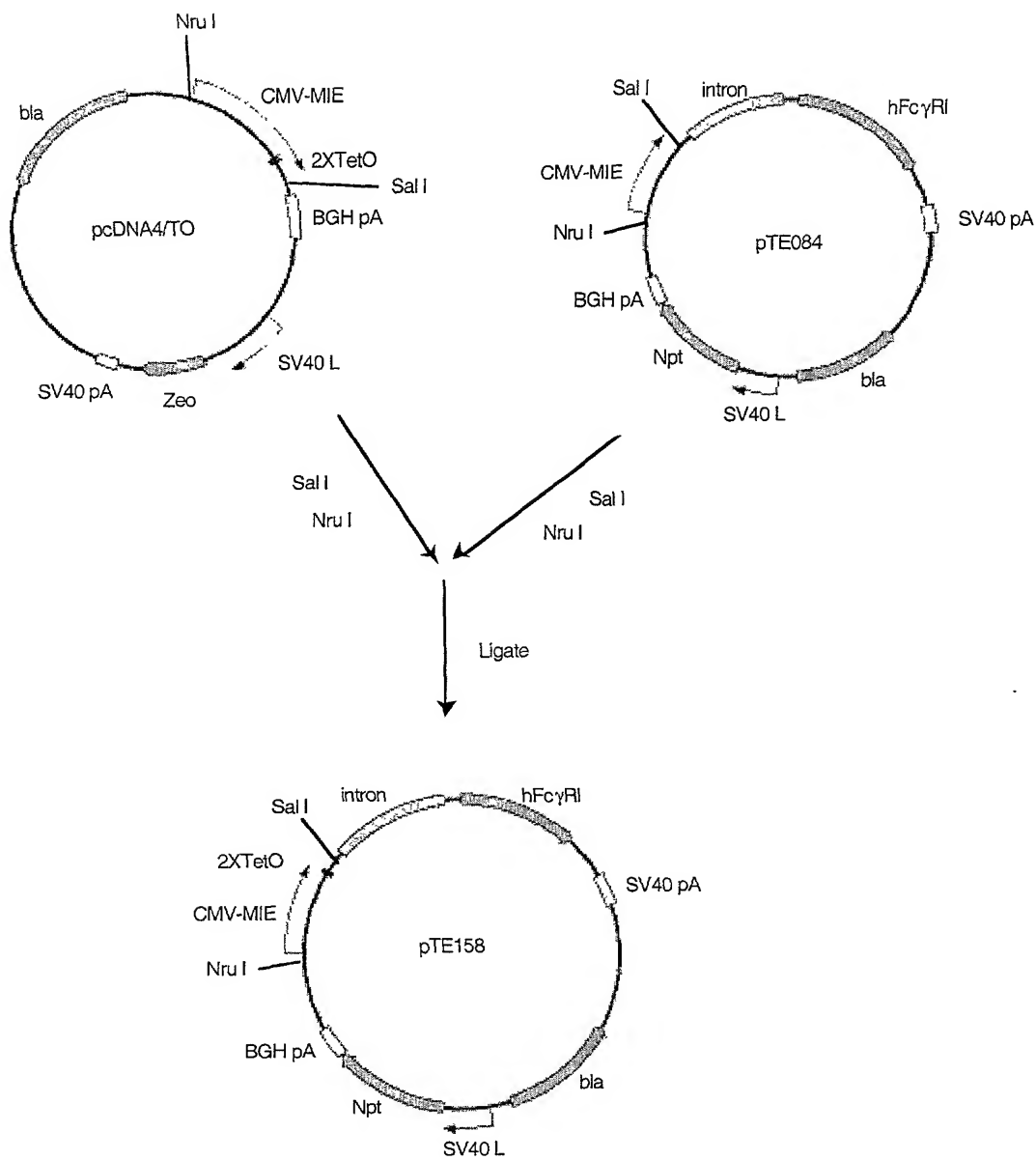
1000  
750  
500  
250  
0  
Counts  
10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup>  
FL2  
R2



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Figure 9



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**Figure 10**



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Figure 11A. CHO K1

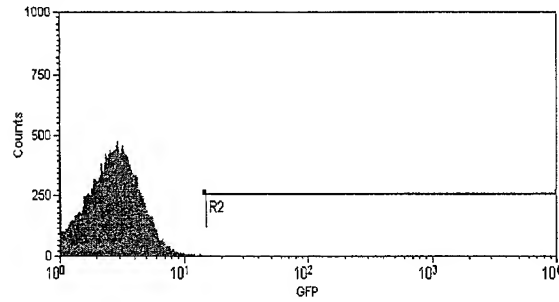


Figure 11B. RGC10 - DOX

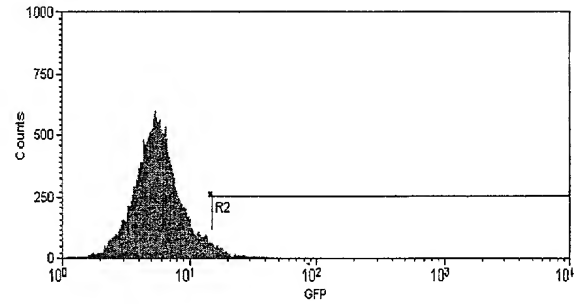
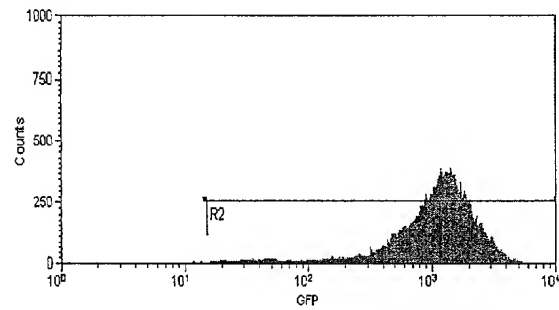


Figure 11C. RGC10 + DOX



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Figure 12A. CHO K1

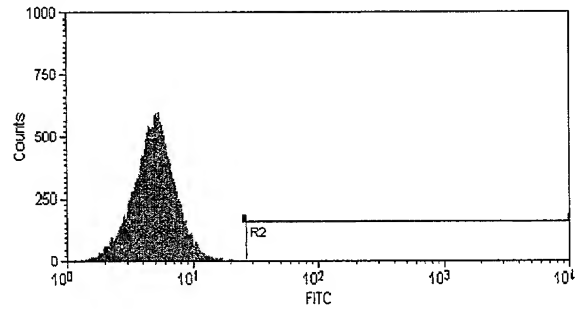


Figure 12B. RGC10/4SC622 pool-Dox

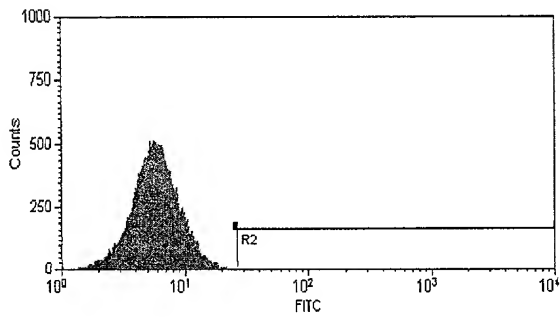
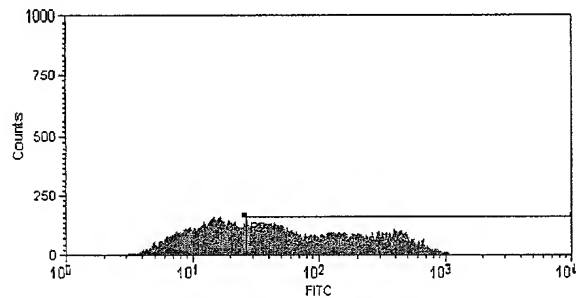


Figure 12C. RGC10/4SC622 pool + Dox

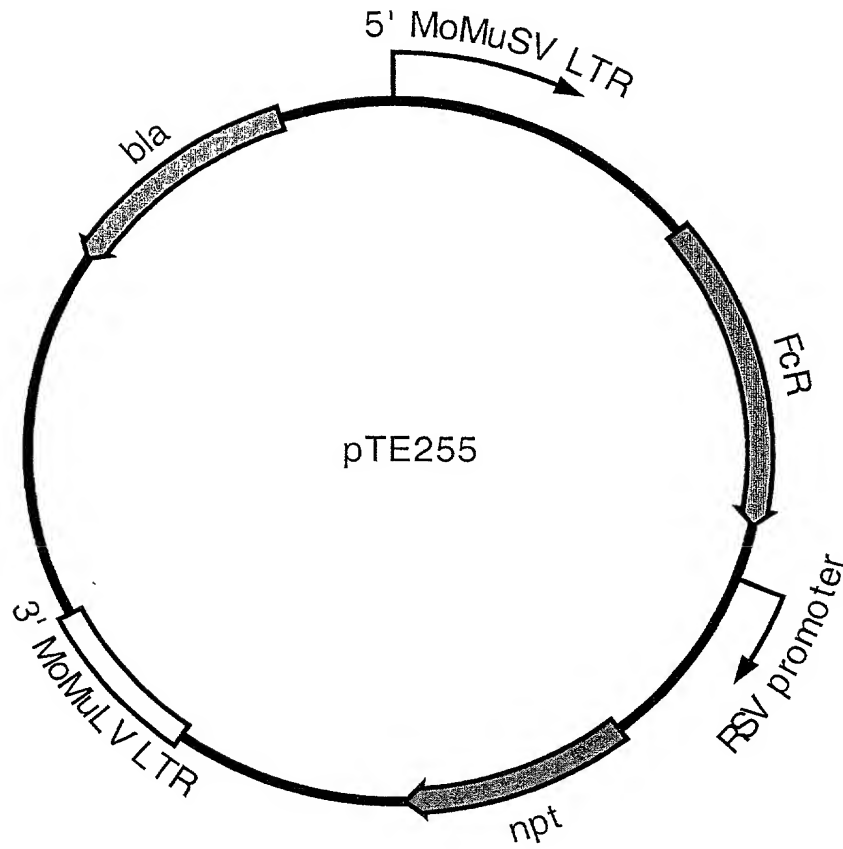


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**Figure 13**

Clone	Sp. Prod.	Clone	Sp. Prod.
1A2	12.15	3A1	9.7
1A3	10.3	3B3	6.75
1B4	11.0	3B6	10.8
1C2	17.8	3C1	11.9
1D3	11.8	3C2	7.7
1D5	10.4	3C6	8.3
		3D1	10.5

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Figure 14



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Figure 15A

SP2/0

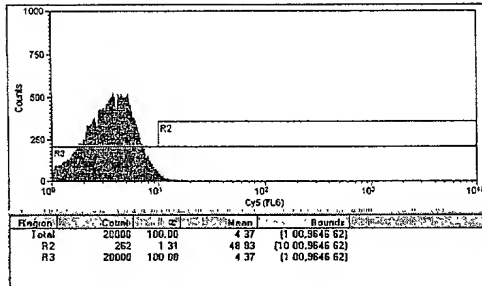


Figure 15B

SP2/0 + Cy5-hFc

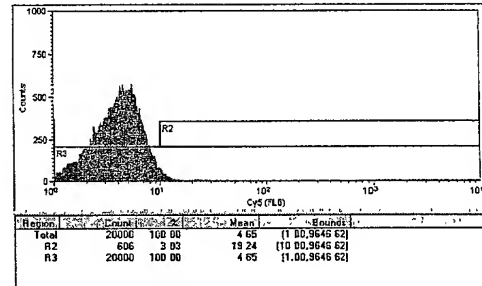


Figure 15C

SP2/0-hFcγRI-4

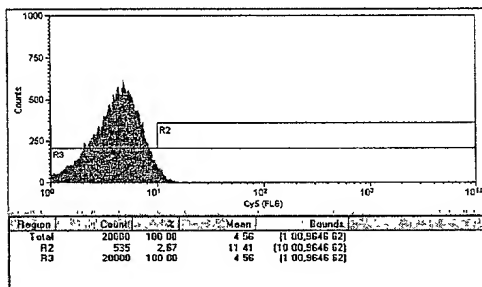
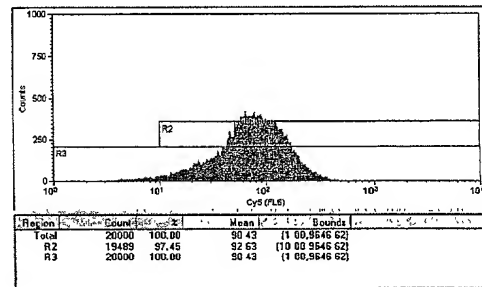


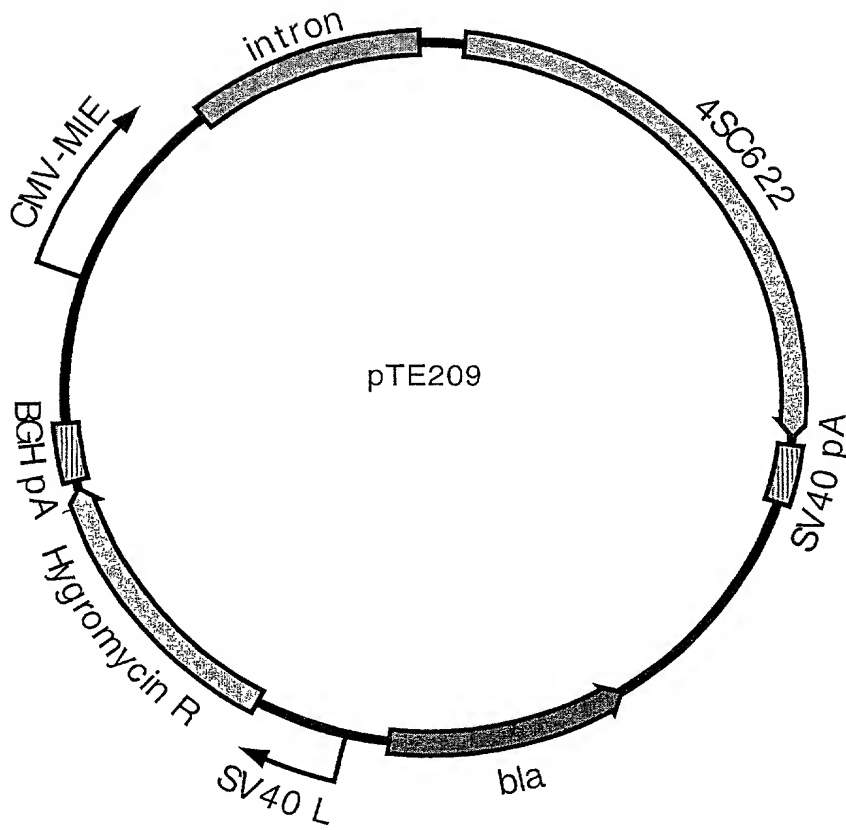
Figure 15D

SP2/0- hFcγRI-4 + Cy5-hFc



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Figure 16



47484950515253545556575859606162636465666768697071727374757677787980818283848586878889909192939495969798991001011021031041051061071081091101111121131141151161171181191201211221231241251261271281291301311321331341351361371381391401411421431441451461471481491501511521531541551561571581591601611621631641651661671681691701711721731741751761771781791801811821831841851861871881891901911921931941951961971981992002012022032042052062072082092102112122132142152162172182192202212222232242252262272282292302312322332342352362372382392402412422432442452462472482492502512522532542552562572582592602612622632642652662672682692702712722732742752762772782792802812822832842852862872882892902912922932942952962972982993003013023033043053063073083093103113123133143153163173183193203213223233243253263273283293303313323333343353363373383393403413423433443453463473483493503513523533543553563573583593603613623633643653663673683693703713723733743753763773783793803813823833843853863873883893903913923933943953963973983994004014024034044054064074084094104114124134144154164174184194204214224234244254264274284294304314324334344354364374384394404414424434444454464474484494504514524534544554564574584594604614624634644654664674684694704714724734744754764774784794804814824834844854864874884894904914924934944954964974984995005015025035045055065075085095105115125135145155165175185195205215225235245255265275285295305315325335345355365375385395405415425435445455465475485495505515525535545555565575585595605615625635645655665675685695705715725735745755765775785795805815825835845855865875885895905915925935945955965975985996006016026036046056066076086096106116126136146156166176186196206216226236246256266276286296306316326336346356366376386396406416426436446456466476486496506516526536546556566576586596606616626636646656666676686696706716726736746756766776786796806816826836846856866876886896906916926936946956966976986997007017027037047057067077087097107117127137147157167177187197207217227237247257267277287297307317327337347357367377387397407417427437447457467477487497507517527537547557567577587597607617627637647657667677687697707717727737747757767777787797807817827837847857867877887897907917927937947957967977987998008018028038048058068078088098108118128138148158168178188198208218228238248258268278288298308318328338348358368378388398408418428438448458468478488498508518528538548558568578588598608618628638648658668678688698708718728738748758768778788798808818828838848858868878888898908918928938948958968978988999009019029039049059069079089099109119129139149159169179189199209219229239249259269279289299309319329339349359369379389399409419429439449459469479489499509519529539549559569579589599609619629639649659669679689699709719729739749759769779789799809819829839849859869879889899909919929939949959969979989991000100110021003100410051006100710081009101010111012101310141015101610171018101910201021102210231024102510261027102810291030103110321033103410351036103710381039104010411042104310441045104610471048104910501051105210531054105510561057105810591060106110621063106410651066106710681069107010711072107310741075107610771078107910801081108210831084108510861087108810891090109110921093109410951096109710981099110011011102110311041105110611071108110911101111111211131114111511161117111811191120112111221123112411251126112711281129113011311132113311341135113611371138113911401141114211431144114511461147114811491150115111521153115411551156115711581159116011611162116311641165116611671168116911701171117211731174117511761177117811791180118111821183118411851186118711881189119011911192119311941195119611971198119912001201120212031204120512061207120812091210121112121213121412151216121712181219122012211222122312241225122612271228122912301231123212331234123512361237123812391240124112421243124412451246124712481249125012511252125312541255125612571258125912601261126212631264126512661267126812691270127112721273127412751276127712781279128012811282128312841285128612871288128912901291129212931294129512961297129812991300130113021303130413051306130713081309131013111312131313141315131613171318131913201321132213231324132513261327132813291330133113321333133413351336133713381339134013411342134313441345134613471348134913501351135213531354135513561357135813591360136113621363136413651366136713681369137013711372137313741375137613771378137913801381138213831384138513861387138813891390139113921393139413951396139713981399140014011402140314041405140614071408140914101411141214131414141514161417141814191420142114221423142414251426142714281429143014311432143314341435143614371438143914401441144214431444144514461447144814491450145114521453145414551456145714581459146014611462146314641465146614671468146914701471147214731474147514761477147814791480148114821483148414851486148714881489149014911492149314941495149614971498149915001501150215031504150515061507150815091510151115121513151415151516151715181519152015211522152315241525152615271528152915301531153215331534153515361537153815391540154115421543154415451546154715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Figure 17A

SP2/0-hFcγRI-4/4SC622  
 pool

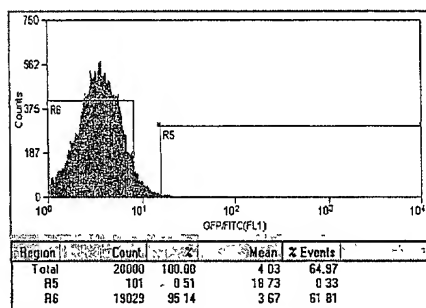


Figure 17B

SP2/0-hFcγRI-4/4SC622 pool +  
 FITC α-hlgG

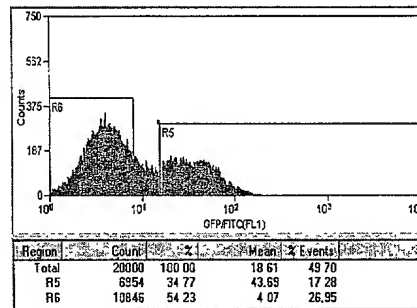


Figure 17C

SP2/0-hFcγRI-4/4SC622  
 top 1% pool

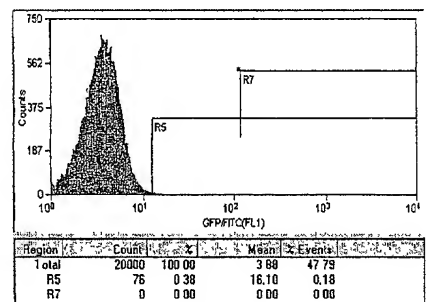


Figure 17D

SP2/0-hFcγRI-4/4SC622  
 top 1% pool + FITC α-hlgG

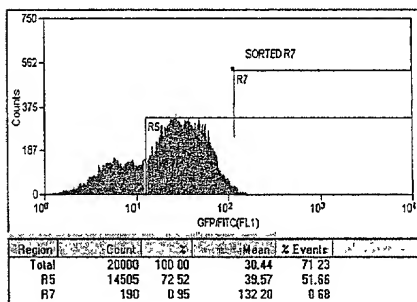


Figure 17E

Clone 5H11

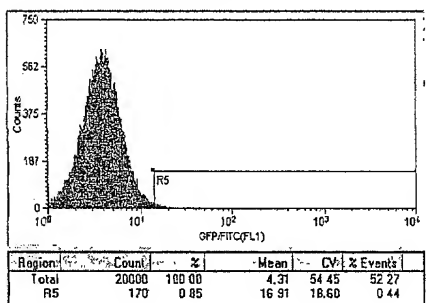
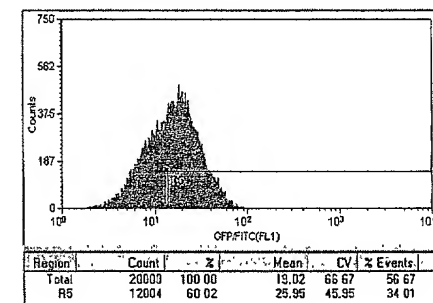


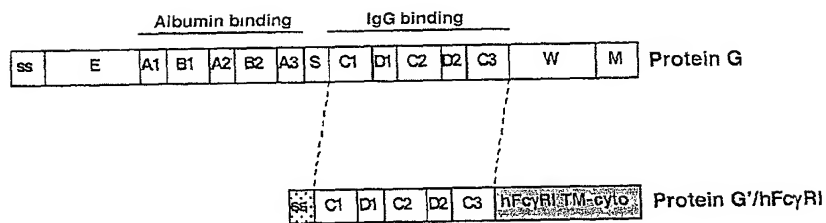
Figure 17F

Clone 5H11 + FITC α-hlgG



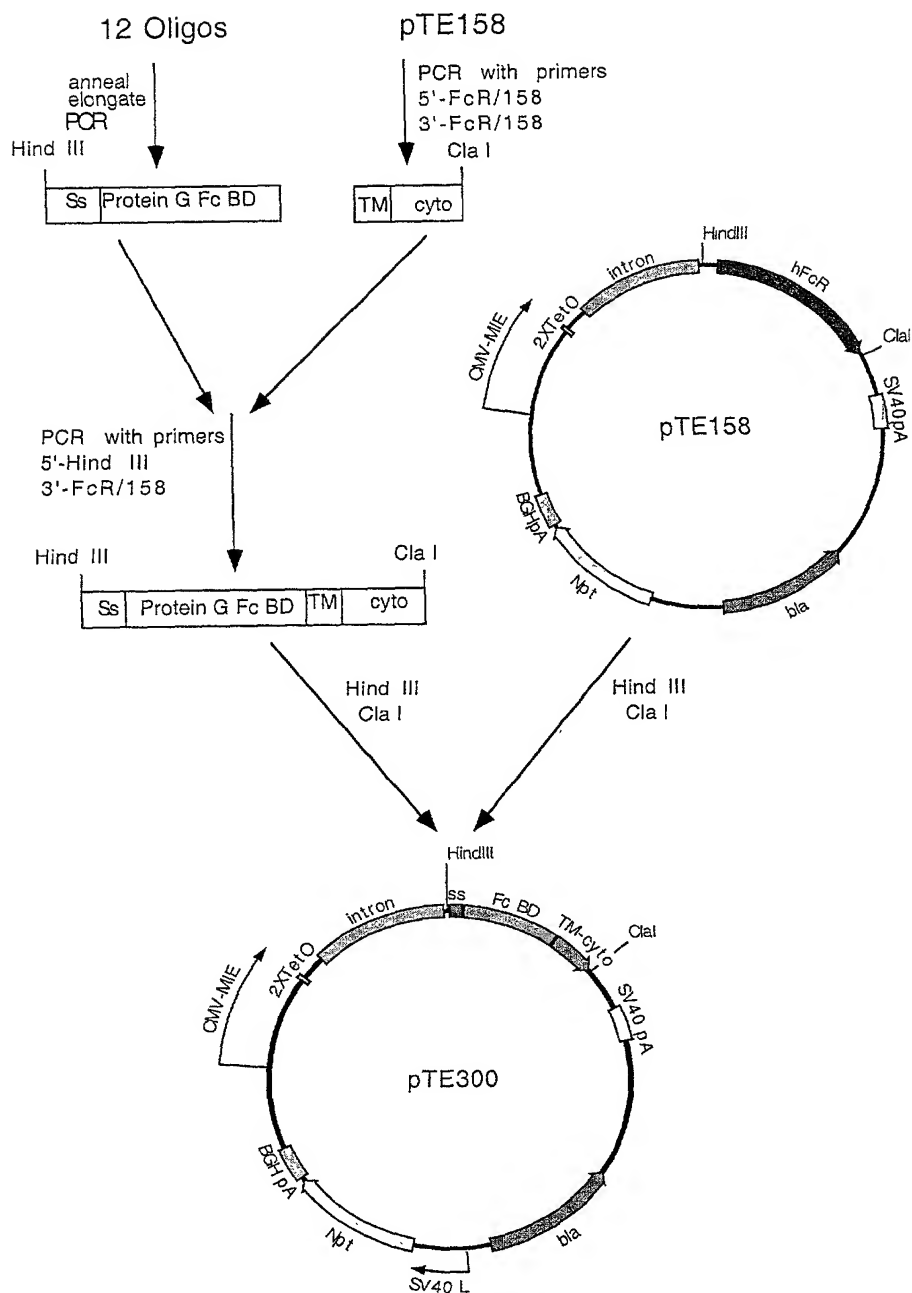
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Figure 18



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Figure 19



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Figure 20A  
 RGC14

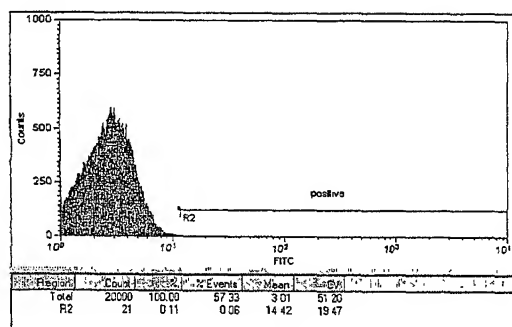


Figure 20B  
 RGC14 + FITC-hFc

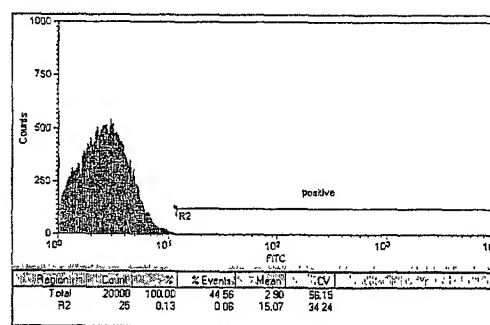


Figure 20C  
 RGC14/pTE300 pool

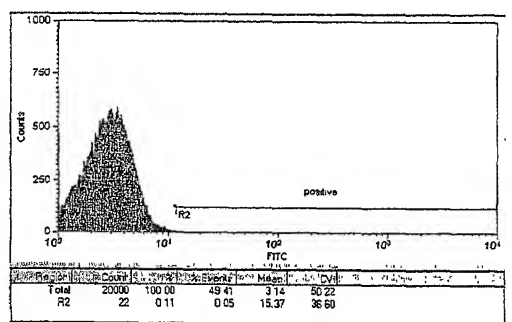


Figure 20D  
 RGC14/pTE300 pool + FITC-hFc

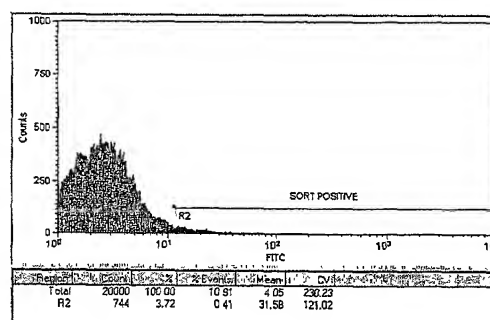


Figure 20E  
 RGC18

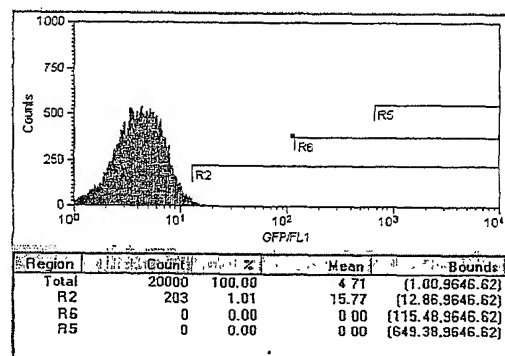
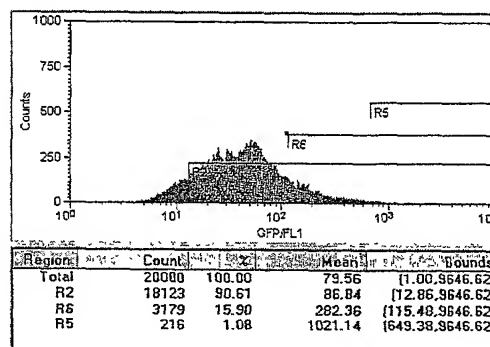
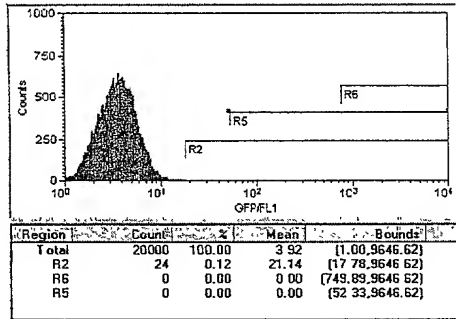


Figure 20F  
 RGC18 + FITC  $\alpha$ -blgG

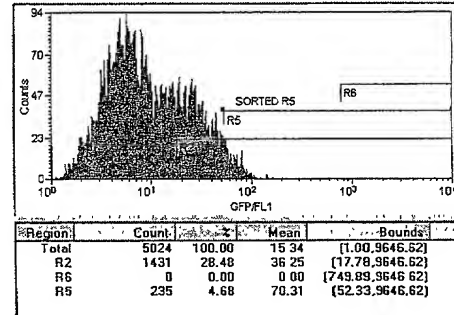


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**Figure 21A**  
 4SC622 pool



**Figure 21B**  
 4SC622 pool + FITC  $\alpha$ -hIgG



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Figure 22A.

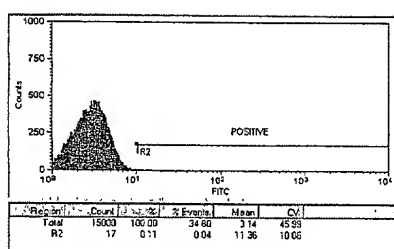


Figure 22B.

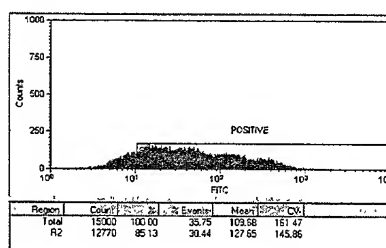


Figure 22C.

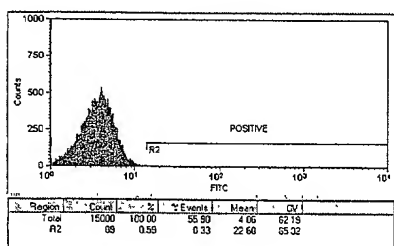


Figure 22D.

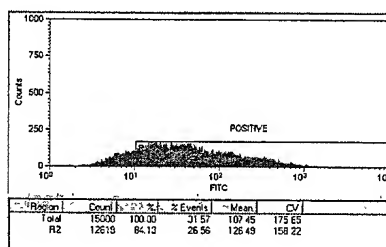


Figure 22E.

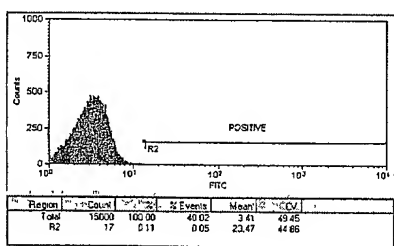


Figure 22F.

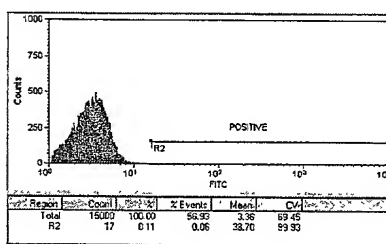


Figure 22G.

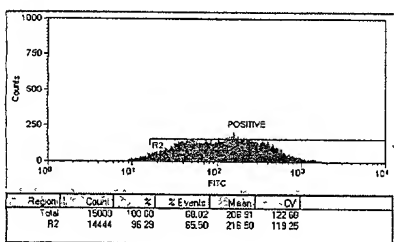


Figure 22H.

